Annals of Mathematics Vol. 175, Nos. 1, 2, 3 (2012)

INDEX

Abouzaid, M. Framed bordism and Lagrangian embeddings of
exotic spheres
and Drinfeld's associators
BARTELS, A. and LUCK, W. The Borel Conjecture for hyperbolic
and CAT(0)-groups
BERESNEVICH, V. Rational points near manifolds and metric Diophantine
approximation
Browning, 1. See de la Bretêche, Browning, and Peyre.
Burns, K., Masur, H., and Wilkinson, A. The Weil-Petersson
geodesic flow is ergodic
LÓPEZ-FERNÁNDEZ, M. Rayleigh-Taylor breakdown for the Muskat problem with applications to water waves
Chaika, J. Every ergodic transformation is disjoint from almost every interval exchange transformation
Colding, 1. H. and Minicozzi, W. P., 11. Generic mean curvature
flow I; generic singularities
López-Fernández.
CROOT, E., GRANVILLE, A., PEMANTLE, R., and TETALI, P. On sharp transitions in making squares
of Hitchin systems and Hodge theory of character varieties: the
case A_1
conjecture for a family of Châtelet surfaces
Ding, J., Lee, J. R., Peres, Y. Cover times, blanket times, and
majorizing measures
of the honeycomb lattice equals $\sqrt{2+\sqrt{2}}$
Enciso, A. and Peralta-Salas, D. Knots and links in steady
solutions of the Euler equation

FEFFERMAN, C. See Castro, Córdoba, Fefferman, Gancedo, and
López-Fernández.
FERNÁNDEZ, L. The dimension and structure of the space of harmonic
2-spheres in the <i>m</i> -sphere
GANCEDO, F. See Castro, Córdoba, Fefferman, Gancedo, and
López-Fernández.
GERMAIN, P., MASMOUDI, N., and SHATAH, J. Global solutions
for the gravity water waves equation in dimension 3
GRANVILLE, A. See Croot, Granville, Pemantle, and Tetali.
GREEN, B. and TAO, T. The quantitative behaviour of polynomial
orbits on nilmanifolds
GREEN, B. and TAO, T. The Möbius function is strongly orthogonal
to nilsequences
HAUSEL, T. See de Cataldo, Hausel, and Migliorini.
HOCHMAN, M. and SHMERKIN, P. Local entropy averages and
projections of fractal measures
HYTÖNEN, T. P. The sharp weighted bound for general Calderón-
Zygmund operators
IVARSSON, B. and KUTZSCHEBAUCH, F. Holomorphic factorization
of mappings into $\mathrm{SL}_n(\mathbb{C})$
KAHN, J. and MARKOVIC, V. Immersing almost geodesic surfaces
in a closed hyperbolic three manifold
KUTZSCHEBAUCH, F. See Ivarsson and Kutzschebauch.
LEE, J. R. See Ding, Lee, and Peres.
López-Fernández, M. See Castro, Córdoba, Fefferman, Gancedo, and López-Fernández.
LÜCK, W. See Bartels and Lück.
MARKOVIC, V. See Kahn and Markovic.
MARSHALL, S. Bounds for the multiplicities of cohomological automorphic
forms on GL ₂
Masmoudi, N. See Germain, Masmoudi, and Shatah.
MASUR, H. See Burns, Masur, and Wilkinson.
MCDUFF, D. and SCHLENK, F. The embedding capacity of
4-dimensional symplectic ellipsoids
MIGLIORINI, L. See de Cataldo, Hausel, and Migliorini.
MINEYEV, I. Submultiplicativity and the Hanna Neumann Conjecture 393-414
MINICOZZI, W. P., II. See Colding and Minicozzi.
PAUL, S. T. Hyperdiscriminant polytopes, Chow polytopes, and
Mabuchi energy asymptotics
PEMANTLE, R. See Croot, Granville, Pemantle, and Tetali.
PERALTA-SALAS, D. See Enciso and Peralta-Salas.
PERES, Y. See Ding, Lee, and Peres.
PEYRE, E. See de la Bretèche, Browning, and Peyre.
POLYMATH, D. H. J. A new proof of the density Hales-Jewett theorem 1283-1327
FILL STATE OF THE

SCHLENK, P. See McDuff and Schlenk.
Serra, E. and Tilli, P. Nonlinear wave equations as limits of
convex minimization problems: proof of a conjecture by De Giorgi 1551-1574
Shatah, J. See Germain, Masmoudi, and Shatah.
Shmerkin, P. See Hochman and Shmerkin.
SMIRNOV, S. See Duminil-Copin and Smirnov.
Sun, B. and Zhu, CB. Multiplicity one theorems: the Archimedean
case
Szenes, A. See Bérczi and Szenes.
Tao, T. See Green and Tao.
Taelman, L. Special L-values of Drinfeld modules
Tetali, P. See Croot, Granville, Pemantle, and Tetali.
Tilli, P. See Serra and Tilli.
Torossian, C. See Alekseev and Torossian.
Walsh, M. N. Norm convergence of nilpotent ergodic averages 1667–1688
Wästlund, J. Replica symmetry of the minimum matching 1061-1091
Wilkinson, A. See Burns, Masur, and Wilkinson.
WOOLEY, T. D. Vinogradov's mean value theorem via efficient
congruencing
ZAGIER, D. Evaluation of the multiple zeta values $\zeta(2,\ldots,2,3,2,\ldots,2)$. 977–1000
Zhu, CB. See Sun and Zhu.



